## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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	TU.S. PATENT APPLICATION SERIAL N
	FILING DATE
Densen Cac	INVENTOR
CAO Group, Inc	ASSIGNEE
PADGETT, Marianne L	EXAMINER
29618-62164	ATTORNEY'S DOCKET NO
ETHOD FOR CURING COMPOSITE MATERIALS	TITLE

To: Commissioner for Patents

Office of Petitions
P.O. Box 1450

Alexandria, VA 22313-1450

From: James R. Farmer, Esq.

VanCott, Bagley, Cornwall & McCarthy

P.O. Box 45340

Salt Lake City, UT 84145-0340 Telephone: (801) 532-3333 Facsimile: (801) 534-0058

Honorable Commissioner:

## **DECLARATION OF JAMES R. FARMER**

- 1. I, James R. Farmer, am an attorney licensed to practice law in the State of Utah (Bar No. 8592) and a registered patent attorney (Reg. No. 47,555).
- 2. I have been retained to represent Petitioner CAO Group, Inc. with respect to the above referenced patent application.
- 3. On 02/05/2002, a patent application now bearing serial no. 10/072,302 was caused to be filed in the United States PTO by attorney Daniel P. McCarthy (Reg. No. 36,600) on behalf of inventor Densen Cao.
- 4. The above identified inventor caused assignments to be executed, transferring ownership of the '302 patent application to CAO Group, Inc., the assignments being recorded at Reel No. 013098 and Frame No. 0798.
- 5. On 08/17/2006, a Notice of Allowance and Issue Fee(s) Due was mailed to Mr. McCarthy, establishing a due date for the issue and publication fees as Tuesday, 11/17/2006.

- 6. On Monday, 01/22/2007, I was contacted by Dr. Densen Cao, CEO of Petitioner CAO Group, Inc. regarding the status of a portfolio of issued patents and pending patent applications, including the above referenced '302 patent application.
- 7. Dr. Cao informed me that he had just received a letter from Mr. McCarthy, dated 01/17/2007, informing him that Mr. McCarthy was terminating representation of CAO Group, Inc., including representation of patent matters pending before the U.S. Patent & Trademark Office. A copy of the letter from Mr. McCarthy is attached hereto as part of Exhibit A.
- 8. The McCarthy letter includes a docket of issued patents and previously filed or pending patent applications. A copy of the docket is also attached hereto as part of Exhibit A.
- 9. Following receipt of the McCarthy letter and accompanying docket on 01/22/2007, Dr. Cao requested that I immediately review the docket and determine the status of all issued patents and pending patent applications.
- 10. I immediately undertook such review of the docket and determined, among other matters, that three (3) Notice of Allowance and Issue Fee(s) Due had not been acted upon in a timely manner, leading to abandonment of three pending applications.
- 11. Specifically, the following three applications have gone abandoned for failure to timely respond to a respective Notice of Allowance and Issue Fee(s) Due:

Serial No.:	Filing Date:	Mailing Date for Notice of Allow/Issue Fee Due:	Due Date for Payment of Issue Fee: <sup>1</sup>	McCarthy Docket Number:
11/112,721	04/22/2005	10/16/2006	01/16/2007	5110.01a P
10/072,302	02/05/2002	08/17/2006	11/17/2006	5061.08a P
09/939,339	08/24/2001	08/03/2006	11/03/2006	5045.2 P

12. The McCarthy letter (and its accompanying docket) is dated January 17, 2007, which is at least two months past the due dates for payment of the issue fees for the '302 and '339 patent

<sup>&</sup>lt;sup>1</sup> Note the docket incorrectly states the due dates for payment of issue fees for the '302 and '339 patent applications as being 11/17/2007 and 11/03/2007, respectively.

applications and one day past the due date for payment of the issue fee for the '721 patent

application.

13. Following my review of the docket, I immediately communicated to Dr. Cao that the

three patent applications identified above had gone abandoned for failure to timely pay the issue fee.

14. Dr. Cao thereafter instructed me to immediately take all necessary steps to revive the

three abandoned applications identified above, including the '302 patent application.

15. In discussing abandonment of the above identified patent applications, Dr. Cao

indicated to me that he had not received from Mr. McCarthy either a Notice of Allowability or a

Notice of Allowance and Issue Fee(s) Due for any of the identified applications and had not been

made aware from any other source of the impending due dates for payment of the issue fees.

16. Since confirming on January 22, 2007 the abandoned status of the above identified

patent applications, Dr. Cao and I have worked diligently in our efforts to prepare and file Petitions

to Revive for each of the respective applications.

17. I further declare that all statements made herein of my own knowledge are true and

that all statements made on information and belief are believed to be true, and further that these

statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any

patent issuing thereon.

Date: June 25, 2007

By:

ames R. Farmer

Registration No. 47,555

Customer No. 63466

## **Daniel McCarthy**

Registered Patent Attorney

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Salt Lake City, UT 84171

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Brighton, Utah

Phone: 801 661 8998

Fax: 435 615 9669

email: dmccart@xmission.com

January 17, 2006

Densen Cao, Ph.D., CEO CAO GROUP, INC. 4628 West Skyhawk Drive West Jordan, UT 84084

Re:

Termination of Representation

## Dear Densen:

It is with great regret that I must terminate my representation of the CAO Group. I had great hope for the work we could do together and for the future of the company, hence my agreement to work for free for 5 years and build a huge patent portfolio for the company. However, in light of the substantial assets of the company that you and Linda have transferred to yourselves to the detriment of the shareholders, and other actions you have taken. I feel I have no choice but to cease representation of the CAO Group and separately pursue a stock buyout at a fair price or else seek other recourse. Termination of my representation of the CAO Group will be effective today.

Enclosed with this letter is a copy of the CAO Group's docket. There are several items which still require your urgent action in order to proceed. Please note that files requiring immediate action have the action item affixed to the front of the file. I will take no further action with regard to any CAO Group legal matters.

Please also note all other deadlines listed in the docket. These matters are time-sensitive and action must be taken in a timely fashion to protect the company's patent rights. Please select new patent counsel and have him contact me right away so that I can review the cases with him.

I wish you and the company the best.

Sincerely,

Daniel McCarthy

cc: Clark K. Taylor, Esq.

Docket	Client Name	Title/Matter Name	Filed	Serial Number	panss <sub>1</sub> .	Patent Number	Next Action	Deadline
5044 P	Cao Group, Inc.	U. S. Patent Application - "Semiconductor Light Source"					Specification written but not filed per Densen	
5045 P	Cao Group, Inc.	U. S. Patent Application - "Semiconductor Light Source for Providing Visible Light to Illuminate a Physical Space	08/24/01	09/938,777	04/13/04	6,719,446	Payment of First Maintenance Fee Due	10/13/07
5045.1 P	Cao Group, Inc.	U., S. Patent Application - "Semiconductor Light Source Using A Primary and Secondary Heat Sink Combination"	08/24/01	09/939,488	10/21/03	6,634,771	Payment of First Maintenance Fee Due	04/21/07
5045.2 P	Cao Group, Inc.	U. S. Patent Application - "Semiconductor Light Source"	08/24/01	09/939,339			Issue Fee and Petition due (check not received from Densen)	11/03/07
5045.3 P	Cao Group, Inc.	U. S. Patent Application - "Light Source Using Semiconductor Devices Mounted on a Heat Sink"	08/24/01	09/938,876	10/21/03	6,634,770	Payment of First Maintenance Fee Due	04/21/07
5045.4 P	Cao Group, Inc.	U. S. Patent Application - "Semiconductor Light Source Using A Heat Sink with A Plurality of Panels"	08/24/01	09/939.340	10/15/02	6,465,961	Payment of Second Maintenance Fee Due	04/15/10
5045.5 P	Cao Group, Inc.	S. Patent Application - "Method for Making A Semiconductor Light Source"	08/24/01	09/938,875	06/08/04	6,746,885	Payment of First Maintenancc Fee Due	12/08/07
5045.6 P	Cao Group, Inc.	U. S. Patent Application - "Illuminating Light"	02/05/04	10/773,123			Response to Office Action Due	07/03/07
5045.7 P	Cao Group, Inc.	U. S. Patent Application - "Semiconductor Light Source for Illuminating A Physical Spacer Including A 3-Dimensional Lead Frame"	04/04/06	11/397,323			Waiting for office action.	

Docker. Number	Client Name	Title/Matter Name	Filed	Serial Number	Issued	Patent Number	Next Action	Deadline
T	Cao Group, Inc.	U. S. Patent Application - "GaN Structures Having Low Dislocation Density and Methods of Manufacture"	09/25/02	10/255,181	11/09/04	6,815,241	Payment of First Maintenance Fee Due	05/09/08
	Cao Group, Inc.	U. S. Patent Application - "Improved Semiconductor Curing Light System Useful for Curing Light Activated Composite Materials"	12/13/01	10/017,454	08/08/06	7,086,858	Payment of First Maintenance Fee Due	02/08/10
5061.01 P	Cao Group, Inc.	U. S. Patent Application - "Dental Curing Light Using Primary and Secondary Heat Sink Combination"	12/13/01	10/017,272	08/31/04	6,783,362	Payment of First Maintenance Fee Due	02/28/08
5061.02 P	Cao Group, Inc.	U. S. Patent Application - "Dental Curing Light"	12/13/01	10/016,992	08/22/06	7,094,054	Payment of First Maintenance Fee Due	08/22/10
5061.03 P	Cao Group, Inc.	U. S. Patent Application - "Dental Curing Light"	12/13/01	10/017,455	12/06/05	6,971,875	Payment of First Maintenance Fee Due	06/06/09
5061.04 P	Cao Group, Inc.	U. S. Patent Application - "Curing Light"	02/04/02	10/067,692	06/29/04	6,755,648	Payment of First Maintenance Fee Due	12/29/07
5061.05 P	Cao Group, Inc.	U. S. Patent Application - "Curing Light"	70/90/70	10/072,850	01/24/06	6,988,891	Payment of First Maintenance Fee Due	07/24/09
5061.06 P	Cao Group, Inc.	U. S. Patent Application - "Curing Light"	02/02/02	10/072,659	01/03/06	6,981,867	Payment of First Maintenance Fee Due	60/60/20
5061.07 P	Cao Group, Inc.	U. S. Patent Application - "Curing Light"	02/05/02	10/072,853	06/29/04	6,755,649	Payment of First Maintenance Fee Due	12/29/07

Deadline	02/24/08	06/13/09	11/17/07	01/18/10	06/27/09	106/06/09	12/28/08	07/24/09	02/23/09	
Next Action [	Payment of First Maintenance Fee Due	First Maintenance Fee Due	Issue Fee and Petition due (no ck received)	Payment of First Maintenance Fee Due	Payment of First Maintenance Fee Due	Payment of First Maintenance Fee Due	Payment of First Maintenance Fee Due	Payment of First Maintenance Fee Due	Payment of First Maintenance Fee Due	
Patent Number	6,780,010	6,974,319		7,077,648	6,979,193	6,971,876	6,910,886	06'888'90	6,932,600	
lssued .	08/24/04	12/13/05		07/18/06	12/27/05	12/06/05	06/28/05	01/24/06	08/23/05	
Serial Number	10/072,859	10/072,613	10/072,302	10/072,635	10/072,826	10/072,852	10/072,831	10/071,847	10/072,858	
Filed	01/05/02	02/02/02	02/02/02	02/05/02	02/08/02	02/06/02	02/06/02	02/06/02	02/02/02	
Title/Matter Name	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Method for Curing Composite Material"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	
Client Name	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	
Docket	5051.07a P	5061.08 P	5061.08a P	5061.09 P	. 5061.10 P	5061.11 P	5061.11a P	5061.12 P	5061.13 P	

Next Action Deadline	Payment of First Maintenance 02/16/09 Fee Due	Payment of First Maintenance 02/09/09 Fee Due	Payment of First Maintenance 10/13/07 Fee Due	Payment of First Maintenance 12/27/09 Fee Due	Abandoned per Densen.	Payment of First Maintenance 03/19/10 Fee Due	Payment of First Maintenance 04/11/09 Fee Due	Payment of First Maintenance 04/18/09 Fee Due	
Patent Next A	Payment of Fir. 6,929,472 Maintenance Fee Due	Paymenl 6,926,524 Mainte Fee	Paymen' 6,719,559 Mainte Fee	Paymen 7,056,732 Mainte Fee	Abando	Paymen 7,108,504 Mainte Fee	Paymen 6,953,340 Mainte Fee	Paymer 6,955,537 Maint	
panssi	08/16/05	08/09/05	04/13/04	06/27/06		09/19/06	10/11/05	10/18/05	
Serial Number	10/072,462	10/073,822	10/076,128	10/073,823	10/073,672	10/188,449	10/189,307	10/189,255	
Filed	02/05/02	02/11/02	02/12/02	02/11/02	02/11/02	07/03/02	07/03/02	r   http://www.ntm.ntm.ntm.ntm.ntm.ntm.ntm.ntm.ntm.ntm	
Title/Matter Name	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Method for Curing Light-Curable Materials"	U. S. Patent Application - "Curing Light"	U. S. Patent Application - "Light for Use in Activating Light-Activated Materials, the Light Having Insulators and An Air Jacket"	U. S. Patent Application - "Light for Use in Activating Light-Activated Materials, the Light Having A Detachable Light Module Containing A Heat Sink and A Seminconductor Chip"	U. S. Patent Application - "Light for Use in Activating Light-Activated Materials, the Light Having A Plurality of Light Emitting Semiconductor Chips Emitting Light of Differing Peak Mayalennths to Provide a Wide Light	
Client Name	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	
Docket	5061.15 P	5061.16 P	5061.17 P	5061.18 P	5061.19 P	5061.20 P	5061.21 P	5061.22 P	

Deadline	05/30/08	05/29/09	,			06/27/09	04/05/08		
Next Action	Payment of First Maintenance Fee Due	Payment of First Maintenance Fee Due	Take no action per Densen	Expired	Take no action per Densen	Payment of First Maintenance Fee Due	Payment of First Maintenance Fee Due	Expired	Take no action per Densen
Patent Number	6,824,294	6,969,253				6,979,194	6,799,967		
pənssi	11/30/04	11/29/05				12/27/05	10/05/04		
Serial Number	10/189,223	10/189,323		60/546,338		10/189,224	10/188,520	60/394,400	
Filed	07/03/02	07/03/02	Not written	02/20/04	Not written	07/03/02	07/03/02	07/08/02	Not written
Title/Matter Name	U. S. Patent Application - "Light for Use in Activating Light-Activated Materials, the Light Having A Plurality of Chips Mounted in A Gross Well of A Heat Sink, and A Dome Covering the Chips"	U. S. Patent Application - "Light for Use in Activating Light-Activated Materials, the Light Having At Least One Semiconductor Chip, the Chip Being Attached to A Primary Heat Sink That Is Attached to A Secondary Heat Sink Using Heat Conductive and Electrically Insulative Adhesive"	U. S. Patent Application - "Curing Light with Reflector Cone for Focusing and Intensifying Light Beam"	U. S. Provisional Patent Application - "Light for Activating Light-Activated Materials"	U. S. Patent Application - "Curing Light with TE Cooler"	U. S. Patent Application - "Light for Activating Light-Activated Materials, the Light Including A Plurality of Individual Chips and Providing A Particular Spectral Profile"	U S. Patent Application - "Light for Use in Activating Light-Activated Materials, the Light Having A Plurality of Light Emitting Single Chip Arrays"	U. S. Provisional Patent Application - "Light for Activating Light-Activated Materials"	U. S. Patent Application - Healing Light
Client Name	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.
Docket Number	5061.23 P	5061.24 P	5061.25 P	5061.26 P	5061.27 P	5061.28 P	5061.29 P	5061.30 P	5062 P

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Next Action	Expired	Waiting for office action.	Inactive / Expired	Inactive / Expired	Inactive / Abandoned	Abandoned per Densen.	Inactive / Expired	Waiting for office action.	Inactive / Expired	Abandoned in favor of CIP	Issue Fee and Petition Due (ck not received)	Abandoned in favor of CIP	Waiting for office action.
Patent Number													
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Serial Number	60/340,210	10/947,055	60/304,324	60/611,725	11/231,546	10/773,090	60/476,773	10/862,052	60/435,526	10/358,540	11/112,721	10/360,327	11/112,731
Filed	12/14/01	09/22/04	07/10/01	09/21/04	09/21/05	02/05/04	20/90/90	06/04/04	12/20/02	02/05/03	04/22/05	02/05/03	04/22/05
Title/Matter Name	U. S. Provisional Patent Application - "Diode Laser Systems Useful in Medical and Dental Treatment Environments"	U. S. Patent Application - "Laser Systems Useful in Medicine and Dentistry"	U. S. Provisional Patent Application - Semiconductor Curing Light System Useful for Curing Light Activated Composite Materials"	U. S. Provisional Patent Application - "Handheld Laser Light for Therapeutic Purposes"	U. S. Patent Application - "Handheld Laser Light for Therapeutic Purposes"	U. S. Patent Application - "Backlight"	U. S. Patent Application - "Structures and Methods for Delivering Topical Compositions"	U. S. Patent Application - "Structures and Methods for Delivering Topical Compositions"	U. S. Provisional Patent Application - "Forensic Light with Semiconductor Light Sources"	U. S. Patent Application - "Forensic Light Using Semiconductor Light Source"	U. S. Patent Application - "Forensic Light Using Semiconductor Light Source"	U. S. Patent Application - "Forensic Light Kit Using Semiconductor Light Source"	U. S. Patent Application - "Semiconductor Forensic Light Kit"
Client Name	Cao Group, Inc.	Cao Grcup, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.
Docket Number	5065 P	5065.2 P	5069 P	5070 P	5070.1 P	5073 P	5078 P	5078.01 P	5110 P	5110.01 P	5110.01a P	5110.02 P	5110.02a P

Docket	Client Name -	Title/Matter Name	Filed	Serial Number	penssi	Patent Number	Next Action	Deadline
5110.03 P	Cao Group, Inc.	U. S. Patent Application - "Method for Detecting Forensic Evidence"	02/07/003	10/361,090	10/11/05	6,954,270	First Maintenance Fee Due	04/11/09
5110.03a P	Cao Group, Inc.	U. S. Patent Application - "Method for Detecting Forensic Evidence"	04/22/05	11/112,720			Response to Office Action Due	06/13/07
5125 P	Cao Group, Inc.	U. S. Provisional Patent Application - "Binary Bleaching Composition That Contains Energizer and Desensitizer"	03/10/03	60/453,467			Inactive / Expired	
5125 P	Cao Group, Inc.	U. S. Patent Application - "Mining Light"	02/06/04	10/774,346			Response to Office Action Due	04/23/07
5125.01 P	Cao Group, Inc.	U. S. Patent Application - "Bleaching Gels and Methods for Making and Using Them"	03/10/04	10/797,628			Response to Office Action Due	01/19/07
5125.02 P	Cao Group, Inc.	U. S. Patent Application - "Dental Appliance Cleaners and Methods for Making and Using Them"	08/20/04	10/922,804			Response to Office Action Due	06/14/07
5125.03 P	Cao Group, Inc.	U. S. Patent Application - "Bleaching Toothpastes and Methods for Making and Using Them"	08/20/04	10/922,375			Response to Office Action and Petition Due	09/30/07
5125.04 P	Cao Group, Inc.	U. S. Patent Application - "Tooth Whitening Mouthwashes and Methods for Making and Using Them"	08/20/04	10/922,372			Response to Office Action and Petition Due	10/05/07
5125.05 P	Cao Group, Inc.	U. S. Patent Application - "Household and Industrial Cleaners and Methods for Making and Using Them"	08/20/04	10/923,502			Response to Office Action Due	04/23/07
5126 P	Cao Group, Inc.	U. S. Provisional Patent Application - "System and Method for Utiliziong Ultrasonic Energy to Activate Tooth Whitening Preparations"	08/07/03	60/493,277			Inactive / Expired	
5126.01 P	Cao Group, Inc.	U. S. Patent Application - "Systems and Methods for Utilizing Ultrasonic Energy to Activate Tooth Whitening Substances"	08/06/04	10/913,702			Response to Office Action Due	04/24/07

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Deadline	02/06/07		06/04/07	03/22/07	05/29/07				04/18/07			03/12/08
Next Action	Filing of National Stage Applications Due - take no action per Densen.	Inactive / Expired	Response to Office Action Due	Response to Final Office Action Due	Response to Office Action Due	Inactive / Expired	Waiting for office action.	Inactive / Expired	Response to Office Action Due	Inactive / Expired	Waiting for office action.	Payment of Second Maintenance Fee Due
Patent Number												6,116,900
penssi												09/12/00
Serial Number	PCT/US04/ 30821	60/585,988	11/176,696	10/945,249	10/945,550	60/611,494	11/231,325	60/624,633	11/210,276	60/669,684	11/397,300	09/190,913
Filed	09/20/04	07/07/04	07/07/05	09/20/04	09/20/04	09/20/04	09/20/05	11/03/04	08/23/05	04/08/05	04/04/06	11/12/98
Title/Matter Name	PCT Patent Application - "Systems and Methods for Utilizing Ultrasonic Energy to Activate Tooth Whitening Substances"	U. S. Provisional Patent Application - "An Integrated LED Chip to Emit Full Colors"	U. S. Patent Application - "Monolitholic LED Chip to Emit Multiple Colors"	U. S. Patent Application - "Mirror Shade Guide for Dental Whitening"	U. S. Patent Application - "Binary Dental Bleach Using Switch-Closable Double Barrel Syringe"	U. S. Provisional Patent Application - "Serviceable, Exchangeable Power LED Assembly"	U. S. Patent Application - "Serviceable, Exchangeable LED Assembly"	U. S. Provisional Patent Application - "Cancer Treatment Using Laser"	U. S. Patent Application - "Cancer Treatment Using Laser"	U. S. Provisional Patent Application - "Structured and Method for Delivering Topical Compositions	U. S. Patent Application - "Structures and Method for Delivering Topical Compositions"	U. S. Patent - "Binary Energizer and Peroxide Delivery System for Dental Bleaching"
Client Name	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.
Docket	5126.01 PCT	5167 P	5167.1 P	5172 P	5173 P	5174 P	5174.1 P	5175 P	5175.1 P	5181 P	5181.1 P	5182 P

Deadline							1					
Next Action	Inactive / Expired	Waiting for office action.	Inactive / Expired	Waiting for office action.	Expired	Waiting for office action.	Take no action - being handled by Steve Jensen.	First Maintenance Fee Paid	Take no action - being handled by Steve Jensen.	Inactive / Expired	Waiting for office action.	Inactive / Expired
Patent Number								6,390,817				
penssi								05/21/02				
Serial Number	60/674,595	11/410,995	60/674,596	11/411,191	60/674,597	11/411,194	60/674,598	09/858,052	60/711,328		11/444,166	60/686,281
Filed	04/25/05	04/25/06	04/25/05	04/25/06	04/25/05	04/25/06	04/25/05	05/15/01	08/25/05	06/01/05	05/31/06	06/01/05
٠٠-رِTitle/Matter Name	U.S.Provisional Patent Application- "GaN Semiconductor Devices with AIN Buffer Grown At High Temperature"	U. S. Patent Application - "GaN Semiconductor Devices with AIN Buffer Grown at High Temperature and Method for Making the Same"	U.S.Provisional Patent Application-"A Method for Significant Reduction of Dislocations for A Very High Al Composition AlGaN Layer"	U. S. Patent Application - "A Method for Significant Reduction of Dislocations for A Very High Al Composition AlGaN Layer"	U.S. Provisional Patent Application - "Flexible Tips for Delivering Materials and Guiding Fibers"	U. S. Patent Application - "Flexible Tips for Delivering Materials and Guiding Fibers"	U.S. Provisional Patent Application - "Method and Dye for Marking Tissues for Selective Destruction by Applied Radiant Energy"	U. S. Patent Application - "Fiber Tipped Dental Substance Applicator"	U. S. Provisional Patent Application - "Two-Piece Dental Anatomical Membrane and Hoider"	U. S. Provisional Patent Application - "LED Light Bulb"	U. S. Patent Application - "LED Light Bulb"	U. S. Provisional Patent Application - "Curing Light"
Client Name	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.
Docket Number	5183 P	5183.1 P	5184 P	5184.1 P	5185 P	5185.1 P	5186 P	5187 P	5188 P	5189 P	5189.1 P	5190 P

Deadline								09/20/07		09/19/07	
Next Action De	Waiting for office action.	Inactive / Expired	Waiting for office action.	Take no action - being handled by Steve Jensen.	Take no action - being handled by Steve Jensen.	Take no action - being handled by Steve Jensen.	Inactive / Expired	Response to Notice to File Missing Parts and Petition Due (ck and dos not received)	Inactive / Expired	Response to Notice to File Missing Parts and Petition Due	Inactive / Expired
Patent Number											
Issued											
Serial Number	11/444,280	60/686,261	11/445,498	60/689,365	60/689,364	60/686,336	60/692,720	11/473,383	60/692,604	11/472,497	60/693,971
Filed	05/31/06	06/01/05	06/01/06	06/10/04	06/10/05	06/01/05	06/22/05	06/22/06	06/21/05	06/21/06	06/24/05
Title/Matter Name	U. S. Patent Application - "Curing Light"	U. S. Provisional Patent Application - "Three-Dimensional Curing Light"	U. S. Patent Application - "Three- Dimensional Curing Light"	U. S. Provisional Patent Application - "Method for Treating Periodontal Disease"	O. S. Provisional Patent Application - "Method of Marking Biological Tissues for Enhanced Destruction by Applied Radiant Energy"	U. S. Provisional Patent Application - "Thermally Formable Plastic Dental Devices Compounded With Releasable Active Ingredients"	U. S. Provisional Patent Application - "Periodontal Treatment Employing Applied Ultrasonic Energy"	U. S. Patent Application - "Periodontal Treatment Employing Applied Ultrasonic Energy"	D. S. Provisional Patent Application -     "System and Method for Curable     Evidence Impressions"	U. S. Patent Application - "System and Method for Curable Evidence Impressions"	U. S. Provisional Patent Application - "Pliable Gingival Isolation Material"
Client Name	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.
Docket Number	5190.1 P	5191 P	5191.1 P	5192 P	5193 P	5194 P	5196 P	5196.1 P	5197 P	5197.1 P	5198 P

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Deadline	09/20/07	05/12/09	05/11/10		04/09/08			07/11/12							
Next Action	Response to Notice to File Missing Parts and Petition Due	Second Maintenance Fee Due	Declarations of Use - Sections 8 & 15 Due	Inactive / Abandoned	Declarations of Use - Sections 8 & 15 Due	Inactive / Abandoned	Inactive / Abandoned	Filing of Declarations of Use (Sections 8 & 15) Due		Inactive / Abandoned	Inactive / Abandoned	Inactive / Abandoned	Inactive / Abandoned	Inactive / Abandoned	Inactive / Abandoned
Patent Number		6,354,837	2,840,635		2,558,661			3,114,597							
Issued		03/12/02	05/11/04		04/09/02			07/11/06							:
Serial Number	11/473,384	09/858,132	76/129,058	76/244,385	76/257,112	76/248,636	76/257,108	76/512,552		76/587,041	76/586,942	76/586,940	76/586,937	76/587,035	76/587,038
Filed	06/22/06	05/15/01	09/12/00	04/20/01	05/15/01	10/15/01	05/14/01	04/13/04	Not Filed	04/13/04	04/13/04	04/13/04	04/13/04	04/13/04	04/13/04
Title/Matter Name	U. S. Patent Application - "Pliable Gingival Isolation Material"	U. S. Patent Application - "Method for Bleaching Teeth"	U. S. Trademark Application - "PALM LIGHT"	U. S. Trademark Application - "PALM METER"	U. S. Trademark Application - "CAO GROUP"	U. S. Trademark Application - "Cao Group Logo"	U. S. Trademark Application - "LASER BANDAGE"	U. S. Trademark Application - "PARALLAX"	U. S. Trademark Application - HiPT	U. S. Trademark Application - "LUXEM"	U. S. Trademark Application - "LUXEMBULB"	U. S. Trademark Application "LUXEMBAR"	U. S. Trademark Application - "LUXEMDECO"	U. S. Trademark Application - "LUXEMLAMP"	U. S. Trademark Application - "LUXEMLIGHT"
Client Name	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.
Docket Number	5198.1 P	5210 P	6027 TM	6030 TM	6031 TM	6032 TM	6033 TM	6062 TM	6062 TM	6065 TM	6066 TM	6067 TM	6068 TM	MT 6909	6070 TM

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Deadline					06/18/09		
Next Action Deadline	Inactive / Abandoned	Inactive / Abandoned	Inactive / Expired	Abandoned in favor of docket 5065.2 P	Payment of Second Maintenance Fee Due		
Patent Number					6,331,111		
lssued					12/18/01		
Serial Number	76/587,036	76/586,941	PCT/US02 21581	09/456,030	09/405,373		
Filed	04/13/04	04/13/04	07/09/02	12/03/99	09/24/99		
Title/Matter Name	U. S. Trademark Application - "LUXEMLIN"	U. S. Trademark Application - "LUXEMLED"	PCT Patent Application - "Dental Light Curing Systems and Methods for Curing Light-Activated Materials"	U. S. Patent Application - "Diode Laser Systems Useful in Medical and Dental Treatment Environments"	U. S. Patent Application - "Curing Light System Useful for Curing Light Activated Composite Materials"		
Client Name	Cao Group, Inc. Cao Group, Inc.		Cao Group, Inc.	Cao Group, Inc.	Cao Group, Inc.		
Docket Number	6071 TM 6072 TM		7678.695a	Cao 001 P	Cao 002 P		